

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2135

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Shunpei YAMAZAKI et al.

Filing Date: March 31, 2000

Group: 2871

JC553 U.S. PAT. 09/540896
03/31/00

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
KC	4,709,995	12/01/87	Kuribayashi et al.	1	1	
KC	4,697,887	10/06/87	Okuda et al.	1	1	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
KC	63-107381	05/12/88	Japan	1	1	Abstract
KC	61-69036	04/09/86	Japan	1	1	Abstract
KC	63-169691	07/13/88	Japan	1	1	
KC	61-103199	05/21/86	Japan	1	1	
KC	4-186287	07/03/92	Japan	1	1	Abstract
KC	1-267619	10/25/89	Japan	1	1	Abstract
KC	60-230121	11/15/85	Japan	1	1	Abstract
KC	60-262133	12/25/85	Japan	1	1	Abstract
KC	1-229229	09/12/89	Japan	1	1	Abstract
KC	64-18758	01/30/89	Japan	1	1	
KC	GB 2,164,776		United Kingdom	1	1	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Kurt C. [Signature]

Date Considered

5/30/03

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KC	5,495,353	2/27/96	Yamazaki et al.	359	59	4/1994
KC	5,055,899	10/8/91	Wakai et al.	359	59	4/1990
KC	5,051,570	9/24/91	Tsujikawa et al.	359	59	1/1990
KC	5,012,228	4/30/91	Masuda et al.	350	333	
KC	4,818,077	4/4/89	Ohwada et al.	350	333x	
KC	4,810,077	7/14/87	Kawahara	350	784	
KC	4,949,141	8/14/90	Busta	357	23.7	
KC	4,103,297	7/25/78	McGreivy et al.	350	334x	
KC	5,250,931	10/5/93	Misawa et al.	—	—	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
KC	53-144297	12/15/78	Japan	340	784	Abst	
KC	64-68724	3/14/89	Japan	340	784	Abst	
KC	0 321 073	6/21/89	European	340	784	X	
KC	2-51129	2/21/90	Japan	340	784	Abst	
KC	1-130131	5/23/89	Japan	340	784	Abst	
KC	64-68728	3/14/89	Japan	—	—	Abst	
KC	2-294622	12/05/90	Japan	—	—	Abst	
KC	2-278749	11/15/90	Japan	—	—	Abst	
KC	49-77537	07/26/74	Japan	—	—	Abst	
KC	62-126677	06/08/87	Japan	—	—	Abst	
KC	63-100777	05/02/88	Japan	—	—	Abst	
KC	64-30272	02/01/89	Japan	—	—	Abst	
KC	2-234134	9/1990	Japan	349	138	X	

Examiner *KC ch*Date Considered *5/30/03*

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Applicant: Shunpei Yamazaki et al.

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U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC	5,084,905	01/28/92	Sasaki et al.	—	—	
KC	5,200,846	04/06/93	Hiroki et al.	—	—	
KC	5,327,001	07/05/94	Wakai et al.	—	—	
KC	5,612,799	03/18/97	Yamazaki et al.	—	—	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
KC	01-165172	6/29/89	Japan	—	—	abst.	
KC	02-085826	3/27/90	Japan	—	—	abst.	
KC	62-014472	01/23/87	Japan	—	—	abst.	
KC	02-277244	11/13/90	Japan	—	—	abst.	
KC	03-034434	2/14/91	Japan	—	—	abst.	
KC	01-076036	3/22/89	Japan	—	—	abst.	
KC	02-210330	8/21/90	Japan	—	—	abst.	
KC	02-188723	8/24/90	Japan	—	—	abst.	
KC	01-30272	2/1/89	Japan	—	—	abst.	
KC	63-100777	5/2/88	Japan	—	—	abst.	
KC	62-126677	6/8/87	Japan	—	—	abst.	
KC	49-77537	7/26/74	Japan	—	—	abst.	
KC	55-32026	3/6/80	Japan	—	—	abst.	
KC	61-141174	6/23/86	Japan	—	—	abst.	
KC	2-188723	07/24/90	Japan	—	—	abst.	
KC	2-210330	08/21/90	Japan	—	—	abst.	
KC	1-156725	06/20/89	Japan	—	—	X	
KC	55-32026	03/06/80	Japan	—	—	X	
KC	61-141174	06/28/86	Japan	—	—	X	

Examiner

Kent C. [Signature]

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U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC	5,157,386	10/20/92	Uchida et al.	-	-	
KC	5,017,914	05/21/91	Uchida et al.	-	-	
KC	4,841,294	06/20/89	Clerc	-	-	
KC	4,036,553	07/19/77	Borel et al.	-	-	
KC	5,182,620	01/26/93	Shimada et al.	-	-	
KC	5,159,476	10/27/92	Hayashi	-	-	
KC	4,646,426	03/03/87	Sasaki	-	-	
KC	4,455,737	06/26/84	Godejahn, Jr.	-	-	
KC	4,557,036	12/10/85	Kyuragi et al.	-	-	
KC	4,646,426	03/03/87	Sasaki	-	-	
KC	4,468,855	09/04/84	Sasaki	-	-	
KC	4,746,628	05/24/88	Takafuji et al.	-	-	
KC	4,769,338	09/06/88	Ovshinsky et al.	-	-	
KC	4,868,137	09/19/89	Kubota	-	-	
KC	4,900,695	02/13/90	Takahashi et al.	-	-	
KC	4,905,066	02/27/90	Dohjo et al.	-	-	
KC	5,097,311	03/17/92	Iwase et al.	-	-	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
KC 63-082177	1988	Japan	-	-	Abst
KC 0298255	1989	EPO	-	-	Abst
KC 0096636	1988	Japan	-	-	Abst
KC 58-32466	02/25/83	Japan	-	-	Abst
KC 58-81972	07/04/81	Japan	-	-	Abst
KC 58-124273	07/23/83	Japan	-	-	Abst

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U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KS	4,938,565	07/03/90	Ichikawa	—	—	
KS	5,003,356	03/26/91	Wakai et al.	—	—	
KS	5,056,895	10/15/91	Kahn	—	—	
KS	4,239,346	12/16/80	Lloyd	—	—	
KS	5,251,071	10/93	Kusukawa et al.	—	—	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
KS 58-115864	07/09/83	Japan	—	—	Abst
KS 59-214262	12/04/84	Japan	—	—	Abst
KS 62-124769	06/06/87	Japan	—	—	Abst
KS 0368260	05/06/90	EP	—	—	X
KS 58-158967	09/21/83	Japan	—	—	Abst

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, Date, Place of Publication)

KS	1990 IEEE International Solid-State Circuits Conference Digest of Technical Papers; 16 Feb. 1990, San Francisco, CA, pgs. 220-221, XP000201945, S.N. Lee et al., "A 5x9 Inch Polysilicon Gray-Scale Color Head Down Display Chip"
KS	PROCESSING OF THE SID, Vol. 31, No. 4, 1990, Los Angeles, CA, pgs. 343-347, XP000207744, S. Takahashi et al., "A 10-in.-Diagonal 16-Gray-Level (4096 Color) a-Si TFT-LCD"
KS	Wolf et al., Silicon Processing for the VLSI ERA, Lattice Press, Volume 1, 1989, pages 151-154
KS	Wolf et al., Silicon Processing for the VLSI ERA, Lattice Press, Volume 2, pages 62-72.

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KS

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REV. 8-83
PIO-1449

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Atty. Docket No.: 0756-2135

Serial No. 09/540,896

Applicant: SHUNPEI YAMAZAKI ET AL.

Filing Date: 03/31/00

Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC	4,066,918	01/03/78	HEUNER ET AL.	—	—	
KC	4,131,928	12/26/78	DAVIS ET AL.	—	—	
KC	4,393,380	07/12/83	HOSOKAWA ET AL.	—	—	
KC	4,523,189	06/11/85	TAKAHARA ET AL.	—	—	
KC	4,803,536	02/07/89	TUAN	—	—	
KC	4,876,584	10/24/89	TAYLOR	—	—	
KC	4,897,757	01/30/90	TAILLIET ET AL.	—	—	
KC	4,930,036	05/29/90	SITCH	—	—	
KC	5,068,748	11/26/91	UKAI ET AL.	—	—	
KC	5,087,955	02/11/92	FUTAMI	—	—	
KC	5,144,392	09/01/92	BROTHERTON	—	—	
KC	5,159,518	10/27/92	ROY	—	—	
KC	5,204,988	04/20/93	SAKURAI	—	—	
KC	5,220,443	06/15/93	NOGUCHI	—	—	
KC	5,585,949	12/17/96	YAMAZAKI ET AL.	—	—	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
53-144297	12/15/78	JAPAN	—	—	ABST
63-133124	06/04/88	JAPAN	—	—	ABST
63-085586	04/16/88	JAPAN	—	—	ABST
62-007167	01/14/87	JAPAN	—	—	ABST
63-010558	01/18/88	JAPAN	—	—	ABST
62-252964	11/04/87	JAPAN	—	—	ABST
03-002838	01/09/91	JAPAN	—	—	ABST
03-050528	03/05/91	JAPAN	—	—	ABST
63-074034	04/04/88	JAPAN	—	—	ABST

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, Date, Place of Publication)

KC	PHYSICAL MECHANISMS OF BREAKDOWN IN P-N JUNCTIONS, J.P. MCKELVEY, SOLID STATE AND SEMICONDUCTOR PHYSICS, 1971, SEC. 13.3, PP 424-428
KC	CMOS COOKBOOK, D. LANCASTER, HOWARD W. SAMS & CO., INDIANAPOLIS, IN (1977)
KC	THE ART OF ELECTRONICS, HOROWITZ ET AL., CAMBRIDGE UNIVERSITY PRESS, PP 182-184, 176-177

Examiner *KC*

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Serial No. 09/540,896

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Applicants: Shunpei YAMAZAKI et al.

Filing Date: March 31, 2000

Group Art Unit: 2775

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
KC	4,427,979	01/24/1984	Clerc et al.	-	-	
KC	4,559,535	12/17/1985	Watkins et al.	-	-	
KC	4,908,710	03/13/1990	Wakai et al.	-	-	
KC	5,113,181	05/12/1992	Inoue et al.	-	-	
KC	5,264,839	11/23/1993	Kanno et al.	-	-	



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Kent KC

Date Considered

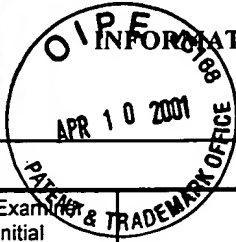
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Atty Docket 0756-21

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Filing Date: March 31, 2000

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KC	5,200,876	04/06/1993	Takeda et al.	—	—	

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